

AMENDMENTS TO THE ABSTRACT

Please delete the abstract in its entirety and replace it with the following:

Recycling a metal/organic laminate continuously involves providing a reactor having a first chamber with a first rotary stirrer, a second chamber with a second rotary stirrer, each chamber containing particulate microwave absorbing material, introducing laminate and additional absorbing material into the first chamber under a reducing or inert atmosphere, stirring and applying microwave energy sufficiently to pyrolyze organic material, transferring a portion of the mixture to the second chamber where it is stirred and microwave energy applied to pyrolyze remaining organic material, delaminate or delaminated metal migrating toward and floating on the upper surface of the mixture, where the second stirrer rotates in a horizontal plane and fluidizes the mixture to give the upper surface of the mixture a radial profile biasing metal floating to migrate radially outwardly, and recovering metal from an exit.